

NHI5
ESCAPE HOOD

THE MOST COMPACT NIOSH-APPROVED CBRN HOOD



National Institute for
Occupational Safety and Health
NIOSH

PROTECTING THE FUTURE

www.avon-protection.com

AVON
PROTECTION



GET OUT QUICKLY AND SAFELY, ANYTIME, ANYPLACE.



YOU WON'T GET A SECOND CHANCE TO BUY THE BEST PROTECTION



THE MOST COMPACT NIOSH-APPROVED CBRN HOOD

NH15™



DON IN LESS THAN 20 SECONDS

Achieve critical CBRN respiratory protection within 20 seconds of opening the protective packaging and donning the reflective hood.



15 MINUTES OF PROTECTION

Provides wearers with respiratory, vision and facial CBRN protection for a minimum 15 minutes to allow sufficient time to evacuate from a contaminated area.



5 YEAR SHELF LIFE

With minimal packaging, no maintenance, and low cost of ownership, the NH15 can provide 5 years of maintenance-free protection.

NH15

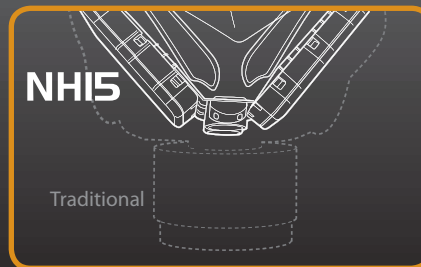
ESCAPE HOOD

SIZE MATTERS.



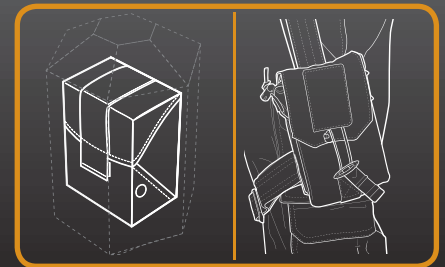
SEE AND BE SEEN IN EVERY SITUATION

Power outages in emergency situations create poor lighting and visibility conditions. The NH15 provides a clear range of vision. The reflective label on the hood allows users to be easily seen by rescue teams with emergency lighting.



COMPACT FOR QUICK ACCESS AND USE

Other escape hoods are bulky and cumbersome. The Avon NH15 features low-profile filters for reduced snagging, and reduced delay in donning. The streamlined design minimizes the potential for grabbing when used in confined areas with anxious people.



SIZE IS EVERYTHING

The compact Avon NH15 provides multiple belt and shoulder carry options. For officers with a crowded utility belt, the NH15 thigh-mounted carrying case delivers improved hood access in the event of an emergency.

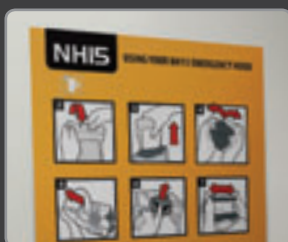
COMPETITIVE COMPARISONS

	AVON NH15	MSA Safe Escape	ILC Dover Scape	North ER2000	QuickPro
Packaged size	3.4"x4.0"x6.0"	6.7"x5.5"x12.2"	3.5"x10.2"x8.3"	4.5"x5.9"x10"	3.75"x4.75"x7.75"
Weight	625g (23 oz)	1029g (36.3 oz)	1016g (35.8 oz)	803g (28 oz)	635g(23.5oz)
NIOSH certified	TC-14G-0302	TC-14G-0276	TC-14G-0277	TC-14G-0281	No
Clear hood for user identification & all round vision	Full	Partial	Partial	Partial	No
Self adjusting harness	Yes	Yes	No Harness	No	No
Anti-fog coating on visor	Yes	No	No	Yes	Yes
User noise	Low	High	"Very High (Motor/Fan Noise)"	High	High
Filter protrusion distance from face	2"	7"	3"	5"	5"
Balanced on user's head	Yes	No	No	Yes	No
Batteries	No	No	Yes	No	No

USER TRAINING



The Avon NH15 contains a quick-don label to guide user in an emergency situation.



To support the introduction of the NH15 into an organization, simple posters provide a constant message to users on the correct operation.



A training hood is available for additional end-user and emergency response team training.



CD and Training Presentation available for initial user training and new user education on the "do's and don'ts" of using the Avon NH15.

AFFORDABLE PROTECTION

- NO annual OSHA fit test requirements
- The Avon NH15 is vacuum-packed in a multilayer barrier bag that provides 5 years of shelf life
- NO maintenance or inspection requirements = lower cost of ownership
- Protect more people with your budget

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NHIS

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TECHNICAL DATA

PROTECTION FACTOR

Breathing zone (Oronasal)	Greater than 2000
Hood zone (Ocular)	Greater than 150
Neck size range	330-500mm (regular)
Donning time	less than 20s
Re-breathing CO ₂ (machine test)	less than 1.0%
Re-breathing CO ₂ (human test)	less than 2.0%

BREATHING RESISTANCE

Inhalation at 85lpm	less than 50mm H ₂ O
Exhalation at 85lpm	less than 10mm H ₂ O

BARRIER PERFORMANCE (SWATCH SAMPLES)

GB	Greater than 30 minutes
HD	Greater than 30 minutes

SMARTMAN PERFORMANCE (TESTED AT ECBC)

GB	Greater than 30 minutes
HD	Greater than 30 minutes

SIZING

Regular	75027-100	13" to 16" neck size
Extra small (hard to fit)	75027-104	12" to 13" neck size
Training	75027-105	All Sizes

FILTER PERFORMANCE

Particulate penetration	P100 (Less than 0.3%)
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GAS AND VAPOR PROTECTION (NIOSH APR ESCAPE CAP1)

	25% RH	80% RH
Ammonia	> 45 minutes	> 30 minutes
Cyanogen chloride	> 30 minutes	> 35 minutes
Cyclohexane	> 45 minutes	> 35 minutes
Formaldehyde	> 45 minutes	> 45 minutes
Hydrogen cyanide	> 45 minutes	> 45 minutes
Hydrogen sulfide	> 45 minutes	> 45 minutes
Nitrogen dioxide	> 45 minutes	> 45 minutes
Phosgene	> 45 minutes	> 45 minutes
Phosphine	> 45 minutes	> 45 minutes
Sulfur dioxide	> 35 minutes	> 45 minutes

PACKAGING

Pack size	6"x4"x3.4" in (150 x 100 x 90mm)
Packaging type	4 layer foil barrier bag surrounded by reinforced nylon carrier
Weight (as carried)	1lb 7oz. (625g)
Packaged shelf life	5 Years when stored between 5°F and 105° F
User instructions	3 language User guide supplied (English, French, Spanish)



Industry Certified Protection Factors
NATO standard protection factors ensure the hood has been rigorously tested.
NIOSH CBRN approved TC-146-0302.

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